

RECOMMENDATIONS FOR BGMP WELL SAMPLING REVISIONS
PARCELS B, D-1, G, AND UC-2

Plume / Monitoring Objective	Parcel	Well	Current Target Analytes	Recommendation
IR-71 East VOC Plume	G	IR71MW03A	Chloroform, PCE, TCE	Continue sampling as VOC plume interior well (PCE & TCE exceed Remediation Goals). Retain PCE and TCE as target analytes. Add cis-1,2-DCE and vinyl chloride to analyte list (degradation products). Discontinue analyses for other VOCs.
	G	IR71MW04A	Chloroform, PCE, TCE	Continue sampling as VOC plume upgradient well. Retain PCE and TCE as target analytes. Add cis-1,2-DCE and vinyl chloride to analyte list (degradation products). Discontinue analyses for other VOCs.
	D-1	IR71MW20A	Benzene, Carbon tetrachloride, Chloroform, Napthalene, PCE, TCE, Xylenes	Continue sampling as VOC plume downgradient well. Retain PCE and TCE as target analytes. Add cis-1,2-DCE and vinyl chloride to analyte list (degradation products). Discontinue analyses for other VOCs.
	D-1	IR70MW07A	Chloroform, TCE	Remove well from sampling list. Chloroform and TCE: no Remediation Goal exceedances in 15 events since 4Q2005. Well not needed to satisfy monitoring objectives/data requirements.
IR-71 West VOC Plume	G	IR33MW121B	Vinyl Chloride	Remove well from sampling list. No Remediation Goal exceedances in 3 events since 3Q2010. Well not needed to satisfy monitoring objectives/data requirements.
	G	IR33MW63A	Chloroform	Remove well from sampling list. No Remediation Goal exceedances in 3 events since 3Q2010. Well not needed to satisfy monitoring objectives/data requirements.
	G	IR44MW08A	Chloroform, TCE	Remove well from sampling list. No Remediation Goal exceedances in 7 events since 2Q2009. Well not needed to satisfy monitoring objectives/data requirements.
	D-1	IR70MW04A	Chloroform, PCE, TCE	Remove well from sampling list. Chloroform: no Remediation Goal exceedances in 8 events since 1Q2009. PCE and TCE: No Remediation Goal exceedances in 22 events since 4Q2005. Well not needed to satisfy monitoring objectives/data requirements.
	D-1	IR70MW11A	Benzene, Carbon tetrachloride, Chloroform, Napthalene, PCE, TCE, Xylenes	Remove well from sampling list. No Remediation Goal exceedances in 6 events since 2Q2008. Well not needed to satisfy monitoring objectives/data requirements.
	D-1	IR71MW22A	Chloroform, PCE, TCE	Remove well from sampling list. No Remediation Goal exceedances in 3 events since 4Q2009. Well not needed to satisfy monitoring objectives/data requirements.
	D-1	IR71MW24A	Chloroform	Remove well from sampling list. No Remediation Goal exceedances in 3 events between 4Q2009 and 3Q2010; no more recent data. Well not needed to satisfy monitoring objectives/data requirements.
	D-1	IR71MW28A	TCE	Remove well from sampling list. No Remediation Goal exceedances in 5 events since 4Q2009. Well not needed to satisfy monitoring objectives/data requirements.
	E	PA50MW06A	Chloroform	Remove well from sampling list. Chloroform: Remediation Goal exceedance in 2Q10; no exceedances in 2 subsequent events. TCE: No Remediation Goal exceedances in 3 events between 4Q2009 and 3Q2010; no more recent data. Well not needed to satisfy monitoring objectives/data requirements.

Plume / Monitoring Objective	Parcel	Well	Current Target Analytes	Recommendation
IR-09 North VOC and Hexavalent Chromium Plumes	G	IR09MW07A	Chloroform, TCE	Continue sampling as VOC plume interior well (TCE exceeds Remediation Goal). Retain PCE and TCE as target analytes. Add cis-1,2-DCE and vinyl chloride to analyte list (degradation products). Discontinue analyses for other VOCs.
			Hexavalent Chromium	Delete target analyte. No Trigger Level exceedances in 3 events since 3Q10. Well not needed to satisfy monitoring objectives/data requirements.
	G	IR09MW63A	Hexavalent Chromium	Begin sampling as VOC plume upgradient well. Target analytes to include cis-1,2-DCE, PCE, TCE, and vinyl chloride. Discontinue hexavalent chromium analyses; no TL exceedances in 18 events since 4Q2005.
	G	IR09MW64A (replacement for IR09PPY1)	Hexavalent Chromium	Begin sampling as VOC plume downgradient well. Target analytes to include cis-1,2-DCE, PCE, TCE, and vinyl chloride.
	G	IR09MW37A	Hexavalent Chromium	Remove well from sampling list. No Trigger Level exceedances in 19 events since 4Q05. Well not needed to satisfy monitoring objectives/data requirements.
	G	IR09MW38A	Hexavalent Chromium	Remove well from sampling list. No Trigger Level exceedances in 14 events since 4Q05. Well not needed to satisfy monitoring objectives/data requirements.
	G	IR09MW51F	Benzene, Hexavalent Chromium, TCE	Remove well from sampling list. Benzene: Remediation Goal exceedance in 3Q2010; no exceedances in subsequent 2 events. TCE: No Remediation Goal exceedances in 3 events since 3Q2010. Hexavalent Chromium: 18 events since 4Q2005; maximum result = 48 µg/L; Trigger Level = 600 µg/L. Well not needed to satisfy monitoring objectives/data requirements.
	G	IR09PO40A	Chloroform	Remove well from sampling list. No Remediation Goal exceedances in 3 events since 3Q2010. Well not needed to satisfy monitoring objectives/data requirements.
IR-33 VOC Plume	G	IR33MW64A	Carbon Tetrachloride, Chloroform	Remove well from sampling list. Carbon Tetrachloride: No Remediation Goal exceedances in 3 events since 3Q2Q10. Chloroform: Remediation Goal exceedance in 3Q2010; no exceedances in subsequent 2 events. Well not needed to satisfy monitoring objectives/data requirements.
	G	IR33MW65A	Chloroform	Remove well from sampling list. No Remediation Goal exceedances in 3 events since 3Q2Q10. Well not needed to satisfy monitoring objectives/data requirements.
	G	IR34MW36A	Chloroform	Remove well from sampling list. No Remediation Goal exceedances in 3 events since 3Q2Q10. Well not needed to satisfy monitoring objectives/data requirements.
Bay Margin Monitoring Well	D-1	IR17MW13A	Metals	Continue sampling. Sampling duration is post-redevelopment.
	D-1	IR22MW16A	Metals	Continue sampling. Sampling duration is post-redevelopment.
	D-1	IR55MW02A	Metals	Continue sampling. Sampling duration is post-redevelopment.
Bldg 110 VOC Plume	UC-2	IR06MW54F	Carbon Tetrachloride, Chloroform	Optimization to be conducted prior to 3Q2012 event.
	UC-2	IR06MW55F	Carbon Tetrachloride, Chloroform	
	UC-2	IR06MW56F	Carbon Tetrachloride, Chloroform	
IR-10 VOC Plume	B	IR10MW13A1	1,2-DCE, TCE, Vinyl chloride	A remedial action is ongoing at the IR-10 VOC Plume. Optimization will be conducted at the appropriate time.
	B	IR10MW31A1	1,2-DCE, TCE, Vinyl chloride	
	B	IR10MW59A	1,2-DCE, TCE, Vinyl chloride	
	B	IR10MW61A	1,2-DCE, TCE, Vinyl chloride	
	B	IR10MW71A	1,2-DCE, TCE, Vinyl chloride	
Potential Migration onto Parcel B from Parcel C RU-C5 Plume	B	IR20MW17A	Vinyl Chloride	Continue sampling. Well is downgradient of RU-C5 plume that is currently being monitored.

Plume / Monitoring Objective	Parcel	Well	Current Target Analytes	Recommendation
Bay Margin Monitoring	B	IR24MW07A	Metals	Continue sampling. Sampling duration is post-redevelopment.
Potential Migration onto Parcel B from Parcel C RU-C5 Plume			VOCs	Continue sampling. Well is downgradient of RU-C5 plume that is currently being monitored.
Individual Well Monitoring	B	IR10MW81A	Selenium	Remove well from sampling list. No Trigger Level exceedances in 5 events since 3Q2008. Well not needed to satisfy monitoring objectives/data requirements.
Individual Well Monitoring	B	IR26MW41A	Dichlorodifluoromethane	Remove well from sampling list. Remediation Goal exceedance in 4Q2007. No exceedances in 3 events since 3Q2010. Well not needed to satisfy monitoring objectives/data requirements.
Individual Well Monitoring	B	IR26MW51A	Mercury	Continue sampling. Recent mercury concentrations exceed Trigger Level.
Individual Well Monitoring	B	PA50MW02A	Mercury	Continue sampling. No Trigger Level exceedances in 3Q2010 or 1Q2011. No previous or subsequent data; insufficient data set to recommend removing from sampling list
Bay Margin Monitoring	B	IR07MW24A	Metals, Radionuclides	Continue sampling. Sampling duration is post-redevelopment.
Bay Margin Monitoring	B	IR07MW26A	Metals, Radionuclides	Continue sampling. Sampling duration is post-redevelopment.
Bay Margin Monitoring	B	IR26MW49A	Metals	Continue sampling. Sampling duration is post-redevelopment.
Bay Margin Monitoring	B	IR46MW43A	Metals	Continue sampling. Sampling duration is post-redevelopment.